

**BASIC ASSIGNMENT 1**  
**CORE METHODS IN EDUCATIONAL DATA MINING**  
**PROFESSOR RYAN S. BAKER**

**DUE VIA ASSISTMENTS SEPTEMBER 11, 2024, 1159pm, EASTERN STANDARD TIME**

In this activity, you need to build a set of detectors predicting the variable **ONTASK**. The data set you will use in this assignment, available on the course website, is very similar (but not identical) to the data set used in:

Godwin, K.E., Almeda, M.V., Petroccia, M., Baker, R.S., & Fisher, A.V. (2013). Classroom activities and off-task behavior in elementary school children. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 2428-2433.

A description of many of the variables can be found in the above paper.

You should complete this activity in ASSISTments in **Python**.

Final note: If ASSISTments displays check marks and X's on the left panel of the assignment, or a performance bar on the bottom, don't worry. **It is OK to ask for hints and make errors. If you complete the assignment, you will receive full credit.**